

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)

chatroom characteristics

[Google Search](#)

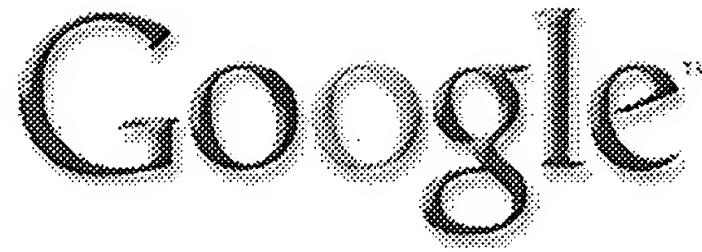
[I'm Feeling Lucky](#)

[Advanced Search](#)
[Preferences](#)
[Language Tools](#)

[Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Make Google Your Homepage!](#)

©2005 Google - Searching 8,058,044,651 web pages



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)

chat topic

[Google Search](#)

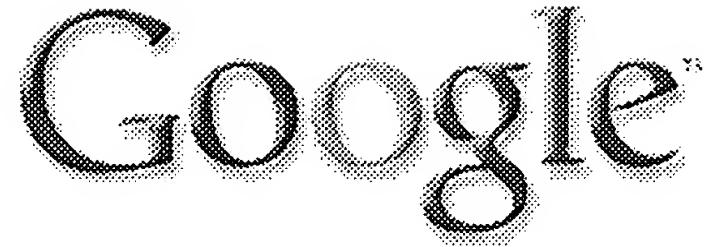
[I'm Feeling Lucky](#)

[Advanced Search](#)
[Preferences](#)
[Language Tools](#)

[Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Make Google Your Homepage!](#)

©2005 Google - Searching 8,058,044,651 web pages



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)

channel topic

[Google Search](#)

[I'm Feeling Lucky](#)

[Advanced Search](#)
[Preferences](#)
[Language Tools](#)

[Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Make Google Your Homepage!](#)

©2005 Google - Searching 8,058,044,651 web pages



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: The ACM Digital Library The Guide

THE ACM DIGITAL LIBRARY

Advanced Search

[Search Tips](#)

Enter words, phrases or names below. Surround phrases or full names with double quotation marks.

Desired Results:

must have all of the words or phrases

chat topic

must have any of the words or phrases

must have none of the words or phrases

Name or Affiliation:

Authored by: all any none

Edited by: all any none

Reviewed by: all any none

Only search in:*

Title Abstract Review All Information

*Searches will be performed on all available information, including full text where available, unless specified above.

ISBN / ISSN: Exact Expand

DOI: Exact Expand

Published:

By: all any none

In: all any none

Since:

Month Year

Before:

Month Year

As: Any type of publication

Conference Proceeding:

Sponsored By:

Conference Location:

Conference Year: yyyy

Classification: (CCS) Primary Only

Results must have accessible:

Classified as: all any none

Full Text Abstract Review

Subject Descriptor: all any none

Keyword Assigned: all any none



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: The ACM Digital Library The Guide

THE ACM DIGITAL LIBRARY

Advanced Search

[Search Tips](#)

Enter words, phrases or names below. Surround phrases or full names with double quotation marks.

Desired Results:

must have all of the words or phrases

chat characteristic

must have any of the words or phrases

must have none of the words or phrases

Name or Affiliation:

Authored by: all any none

Edited by: all any none

Reviewed by: all any none

Only search in:*

Title Abstract Review All Information

*Searches will be performed on all available information, including full text where available, unless specified above.

ISBN / ISSN: Exact Expand

DOI: Exact Expand

Published:

By: all any none

In: all any none

Since:

Month Year

Before:

Month Year

As: Any type of publication

Conference Proceeding:

Sponsored By:

Conference Location:

Conference Year: yyyy

Classification: (CCS) Primary Only

Results must have accessible:

Classified as: all any none

Full Text Abstract Review

Subject Descriptor: all any none

Keyword Assigned: all any none



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: The ACM Digital Library The Guide

THE ACM DIGITAL LIBRARY

Advanced Search

[Search Tips](#)

Enter words, phrases or names below. Surround phrases or full names with double quotation marks.

Desired Results:

must have all of the words or phrases

channel characteristic

must have any of the words or phrases

must have none of the words or phrases

Name or Affiliation:

Authored by: all any none

Edited by: all any none

Reviewed by: all any none

Only search in:*

Title Abstract Review All Information

*Searches will be performed on all available information, including full text where available, unless specified above.

ISBN / ISSN: Exact Expand

DOI: Exact Expand

Published:

By: all any none

In: all any none

Since:

Month Year

Before:

Month Year

As: Any type of publication

Conference Proceeding:

Sponsored By:

Conference Location:

Conference Year: yyyy

Classification: (CCS) Primary Only

Results must have accessible:

Classified as: all any none

Full Text Abstract Review

Subject Descriptor: all any none

Keyword Assigned: all any none



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: The ACM Digital Library The Guide

THE ACM DIGITAL LIBRARY

Advanced Search

[Search Tips](#)

Enter words, phrases or names below. Surround phrases or full names with double quotation marks.

Desired Results:

must have all of the words or phrases

channel topic

must have any of the words or phrases

must have none of the words or phrases

Name or Affiliation:

Authored by: all any none

Edited by: all any none

Reviewed by: all any none

Only search in:*

Title Abstract Review All Information

*Searches will be performed on all available information, including full text where available, unless specified above.

ISBN / ISSN: Exact Expand

DOI: Exact Expand

Published:

By: all any none

In: all any none

Since:

Month Year

Before:

Month Year

As: Any type of publication

Conference Proceeding:

Sponsored By:

Conference Location:

Conference Year: yyyy

Classification: (CCS) Primary Only

Classified as: all any none

Subject Descriptor: all any none

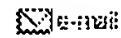
Keyword Assigned: all any none

Results must have accessible:

Full Text Abstract Review

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(chat topic<in>metadata)"

Your search matched **0** documents.A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance in Descending** order.**» Search Options**[View Session History](#)**Modify Search**[New Search](#)

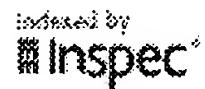
(chat topic<in>metadata)

 Check to search only within this results set**» Key****Display Format:** Citation Citation & Abstract**IEEE JNL** IEEE Journal or Magazine**No results were found.****IEE JNL** IEE Journal or Magazine

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

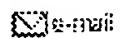
IEEE CNF IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2005 IEEE -



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results**BROWSE****SEARCH****IEEE XPLORE GUIDE**

Results for "(chat characteristic<in>metadata)"

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.**» Search Options**[View Session History](#)**Modify Search**[New Search](#)

(chat characteristic<in>metadata)

 Check to search only within this results set**» Key****Display Format:** **Citation** **Citation & Abstract****IEEE JNL** IEEE Journal or Magazine**No results were found.****IEE JNL** IEE Journal or Magazine

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

IEEE CNF IEEE Conference Proceeding**IEE CNF** IEE Conference Proceeding**IEEE STD** IEEE Standard[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2005 IEEE -

Indexed by
Inspec

[Advanced Search](#)[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[BROWSE](#)[SEARCH](#)[IEEE XPLOR GUIDE](#)**OPTION 1****Enter keywords or phrases, select fields, and select operators** in All Fields in All Fields in All Fields**» Publications****Select publications**

- IEEE Periodicals
- IEE Periodicals
- IEEE Conference Proceedings
- IEE Conference Proceedings
- IEEE Standards

**OPTION 2****Enter keywords, phrases, or a Boolean expression**

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

» Other Resources (Available for Purchase) IEEE Books**» Select date range**

- Search latest content update (18)
- From year to

» Display Format

- Citation
- Citation & Abstract

» Organize results

Maximum results per page
Display results per page
Sort by
In order

[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2005 IEEE - All Rights Reserved

Indexed by

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORER GUIDE](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

 In All Fields In All Fields In All Fields**OPTION 2**

Enter keywords, phrases, or a Boolean expression

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

» Publications

 Select publications

- IEEE Periodicals
- IEE Periodicals
- IEEE Conference Proceedings
- IEE Conference Proceedings
- IEEE Standards

» Other Resources (Available for Purchase)

 IEEE Books

» Select date range

- Search latest content update (18 days)
- From year to

» Display Format

 Citation Citation & Abstract

» Organize results

Maximum Display results per pageSort by In order[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2005 IEEE - All Rights Reserved

Indexed by

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

channel in All FieldsAND topic in All FieldsAND in All Fields[Run Search](#)[Reset](#)

» Publications

 Select publications

- IEEE Periodicals
- IEE Periodicals
- IEEE Conference Proceedings
- IEE Conference Proceedings
- IEEE Standards

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

[Run Search](#)[Reset](#)

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

» Other Resources (Available for Purchase)

 IEEE Books

» Select date range

- Search latest content update (18 days)
- From year to

» Display Format

 Citation Citation & Abstract

» Organize results

Maximum results per page
Display results per page
Sort by
In order

[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2005 IEEE - All rights reserved

Indexed by

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		categor\$6 near10 channel\$1	USPAT	OR	OFF	2003/12/16 08:45
S1	32	categor\$6 near10 virtual near10 channel\$1	USPAT	OR	OFF	2003/12/12 12:56
S2	51	select\$3 near10 chat near10 room\$1	USPAT	OR	OFF	2003/12/12 12:58
S3	25	nam\$3 near10 chat near10 room\$1	USPAT	OR	OFF	2003/12/12 12:58
S4	1	categor\$6 near10 channel\$1 same chat	USPAT	OR	OFF	2003/12/12 12:59
S5	1	categor\$6 near10 channel\$1 near10 url	USPAT	OR	OFF	2003/12/12 13:00
S6	3	select\$3 near10 virtual near10 chat	USPAT	OR	OFF	2003/12/12 13:03
S7	1	select\$3 near10 virtual near10 chat near10 room\$1	USPAT	OR	OFF	2003/12/12 13:07
S8	1	configur\$3 near10 chat near10 channel\$1	USPAT	OR	OFF	2003/12/12 13:08
S9	2	configurat\$3 near10 chat near10 channel\$1	USPAT	OR	OFF	2003/12/12 13:09
S10	14	nam\$3 near10 chat near10 channel\$1	USPAT	OR	OFF	2003/12/12 13:14
S11	1	(chang\$3 or nam\$3) near10 chat near10 (channel\$1 or session\$1)near10 chat near10 content\$1	USPAT	OR	OFF	2003/12/12 13:18
S12	0	calculat\$3 near10 characteristic\$1 near10 chat near10 (room\$1 or session\$1 or channel\$1)	USPAT	OR	OFF	2003/12/12 13:19
S13	0	categor\$6 near10 characteristic\$1 near10 chat near10 (room\$1 or session\$1 or channel\$1)	USPAT	OR	OFF	2003/12/12 13:19
S14	7	characteristic\$1 near10 chat near10 (room\$1 or session\$1 or channel\$1)	USPAT	OR	OFF	2003/12/12 13:28
S15	0	characteristic\$1 near10 chat near10 (room\$1 or session\$1 or channel\$1)near10 bas\$3 near10 (content\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/12 13:28
S16	6	chat near10 (room\$1 or session\$1 or channel\$1)near10 bas\$3 near10 (content\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/12 13:30
S17	2	chat near10 (room\$1 or session\$1 or channel\$1)near10 chang\$3 near10 (content\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/12 13:32

S18	0	chat near10 (room\$1 or session\$1 or channel\$1)near10 calculat\$3 near10 (content\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/12 13:32
S19	4	chat near10 (room\$1 or session\$1 or channel\$1)near10 nam\$3 near10 (content\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/12 13:37
S20	41	chat near10 (room\$1 or session\$1 or channel\$1)near10 nam\$3	USPAT	OR	OFF	2003/12/12 13:37
S21	33	chat near10 (room\$1 or session\$1 or channel\$1)near10 nam\$3 and (content\$1 or keyword\$1 or url\$1)	USPAT	OR	OFF	2003/12/12 13:40
S22	41	chat same (room\$1 or session\$1 or channel\$1)near10 nam\$3 and (content\$1 or keyword\$1 or url\$1)	USPAT	OR	OFF	2003/12/12 13:52
S23	0	kujitsu near limited	USPAT	OR	OFF	2003/12/12 13:52
S24	14074	fujitsu near limited	USPAT	OR	OFF	2003/12/12 13:52
S25	14074	fujitsu adj limited	USPAT	OR	OFF	2003/12/12 13:52
S26	16	fujitsu adj limited and chat near10 (session\$1 or channel\$1 or room\$1)	USPAT	OR	OFF	2003/12/12 13:53
S27	9	fujitsu adj limited and chat near10 (session\$1 or channel\$1 or room\$1) near10 (characteristic\$1 or name\$1)	USPAT	OR	OFF	2003/12/12 13:55
S28	4	fujitsu adj limited and chat near10 (session\$1 or channel\$1 or room\$1) near10 (characteristic\$1 or name\$1)near10 (keyword\$1 or url\$1 or content)	USPAT	OR	OFF	2003/12/12 13:56
S29	0	fujitsu adj limited and categor\$6 same chat near10 (session\$1 or channel\$1 or room\$1) near10 (characteristic\$1 or name\$1)near10 (keyword\$1 or url\$1 or content)	USPAT	OR	OFF	2003/12/12 13:56
S30	2	fujitsu adj limited and categor\$6 and chat near10 (session\$1 or channel\$1 or room\$1) near10 (characteristic\$1 or name\$1)near10 (keyword\$1 or url\$1 or content)	USPAT	OR	OFF	2003/12/12 13:56
S31	4	fujitsu adj limited and (categor\$6 or nam\$3) and chat near10 (session\$1 or channel\$1 or room\$1) near10 (characteristic\$1 or name\$1)near10 (keyword\$1 or url\$1 or content)	USPAT	OR	OFF	2003/12/12 13:56
S32	1	(chang\$3 or var\$4) near10 (name or identifier\$1) near10 chat	USPAT	OR	OFF	2003/12/12 17:02

S33	4	(character\$6 or characteristic\$1) near10 (name or identifier\$1) near10 chat	USPAT	OR	OFF	2003/12/12 17:02
S34	5	"6061716".URPN.	USPAT	OR	OFF	2003/12/12 17:05
S35	1	"6061716.URPN.and" (name\$1 or identifier\$1) near10 chat near10 (session\$1 or space\$1 or channel\$1 or room\$1)	USPAT	OR	OFF	2003/12/12 18:10
S36	4	chang\$3 near10 (topic or name)near10 chat	USPAT	OR	OFF	2003/12/12 18:12
S37	5	(topic or name)near10 chat near10 (keyword\$1 or url\$1)	USPAT	OR	OFF	2003/12/12 18:16
S38	4	"6393460".URPN.	USPAT	OR	OFF	2003/12/12 18:14
S39	0	detect\$3 near10 (keyword\$1 or url\$1) near10 (topic or name or identifier\$1)near10 chat	USPAT	OR	OFF	2003/12/12 18:17
S40	0	analy\$6 near10 (keyword\$1 or url\$1) near10 (topic or name or identifier\$1)near10 chat	USPAT	OR	OFF	2003/12/12 18:18
S41	5	(keyword\$1 or url\$1) near10 (topic or name or identifier\$1)near10 chat	USPAT	OR	OFF	2003/12/12 18:18
S42	1	"6564244".pn.	USPAT	OR	OFF	2003/12/13 12:59
S43	1	"6393460".pn.	USPAT	OR	OFF	2003/12/13 12:59
S44	4	"6393460".URPN.	USPAT	OR	OFF	2003/12/13 12:59
S45	7	("5784568" "5787274" "5793365" "5857179" "5956509" "5987503" "6014136").PN.	USPAT	OR	OFF	2003/12/13 13:06
S46	2	dynamic\$5 near10 chang\$3 near10 chat	USPAT	OR	OFF	2003/12/13 13:07
S47	5	chang\$3 near10 chat near10 topic\$1	USPAT	OR	OFF	2003/12/13 13:07
S48	4	"6345290".URPN.	USPAT	OR	OFF	2003/12/13 16:46
S49	0	"6564244".URPN.	USPAT	OR	OFF	2003/12/13 16:47
S50	1	"6564244".PN.	USPAT	OR	OFF	2003/12/13 16:47
S51	1	"6564244.PN.and" time\$1	USPAT	OR	OFF	2003/12/13 17:02
S52	0	("6370563" "6584494").PN.and" entri\$3 near time\$1	USPAT	OR	OFF	2003/12/13 17:02
S53	0	("6370563" "6584494").PN.and" log near time\$1	USPAT	OR	OFF	2003/12/13 17:02
S54	1	("6370563" "6584494").PN.and" time\$1 and right\$1	USPAT	OR	OFF	2003/12/13 17:09
S55	0	("6370563" "6584494").PN.and" time\$1 and Admin\$8	USPAT	OR	OFF	2003/12/13 17:04

S56	0	("6370563" "6584494)".PN.and" time\$1 and admin\$8	USPAT	OR	OFF	2003/12/13 17:04
S57	0	("6370563" "6584494)".PN.and" time\$1 and admin\$9	USPAT	OR	OFF	2003/12/13 17:04
S58	1	"6345290.PN.and" time\$1 and right\$1	USPAT	OR	OFF	2003/12/13 17:10
S59	1	"6205478".pn.	USPAT	OR	OFF	2003/12/16 08:45
S60	0	"6205478".pn. and entr\$3 near time\$1	USPAT	OR	OFF	2003/12/16 08:45
S61	1	"6205478".pn. and time\$1	USPAT	OR	OFF	2003/12/16 08:46
S62	0	"6205478".pn. and time\$1 and right\$1	USPAT	OR	OFF	2003/12/16 08:46
S63	0	"6205478".pn. and time\$1 and right\$1	USPAT	OR	OFF	2003/12/16 08:46
S64	0	"6205478".pn. and time\$1 and authenticat\$3	USPAT	OR	OFF	2003/12/16 08:46
S65	1	"6205478".pn. and time\$1	USPAT	OR	OFF	2003/12/16 08:52
S66	1	"6205478".pn. and time\$1 same log\$3	USPAT	OR	OFF	2003/12/16 09:33
S67	0	characteristic\$1 near10 chat near10 keyword	USPAT	OR	OFF	2003/12/16 09:33
S68	17	characteristic\$1 near10 chat	USPAT	OR	OFF	2003/12/16 09:34
S69	17	characteristic\$1 near10 chat near10categories	USPAT	OR	OFF	2003/12/16 09:34
S70	0	characteristic\$1 near10 chat near10 categories	USPAT	OR	OFF	2003/12/16 09:34
S71	0	characteristic\$1 near10 chat near10 categor\$3	USPAT	OR	OFF	2003/12/16 09:34
S72	0	characteristic\$1 near10 chat near10 entr\$3 near2 time\$1	USPAT	OR	OFF	2003/12/16 09:34
S73	3	characteristic\$1 near10 chat and log\$5 near5 time\$1	USPAT	OR	OFF	2003/12/16 09:35
S74	2	characteristic\$1 near10 chat and log\$5 near5 time\$1 and right\$1	USPAT	OR	OFF	2003/12/16 09:36
S75	0	characteristic\$1 near10 chat and log near5 time\$1 and right\$1	USPAT	OR	OFF	2003/12/16 09:36
S76	0	characteristic\$1 near10 chat and logged near5 time\$1 and right\$1	USPAT	OR	OFF	2003/12/16 09:36
S77	0	characteristic\$1 near10 chat and logged near5 time\$1	USPAT	OR	OFF	2003/12/16 09:36
S78	0	characteristic\$1 near10 chat and login near5 time\$1	USPAT	OR	OFF	2003/12/16 09:36
S79	1	characteristic\$1 near10 chat and entr\$3 near2 time\$1	USPAT	OR	OFF	2003/12/16 09:37

S80	9	characteristic\$1 near10 chat and right\$1	USPAT	OR	OFF	2003/12/16 09:39
S81	10	characteristic\$1 near10 chat and (authenticat\$3 or right\$1)	USPAT	OR	OFF	2003/12/16 09:40
S82	6	characteristic\$1 near10 chat and administrat\$3	USPAT	OR	OFF	2003/12/16 10:40
S83	0	characteristic\$1 near10 chat and right\$1 near2 (client\$1 or user\$1 or member\$1)	USPAT	OR	OFF	2003/12/16 10:41
S84	0	characteristic\$1 near10 chat and authorit\$3 near2 (client\$1 or user\$1 or member\$1)	USPAT	OR	OFF	2003/12/16 10:42
S85	0	characteristic\$1 near10 chat and right\$1 near6 (client\$1 or user\$1 or member\$1)	USPAT	OR	OFF	2003/12/16 10:42
S86	9	characteristic\$1 near10 chat and right\$1	USPAT	OR	OFF	2003/12/16 10:42
S87	2	characteristic\$1 near10 chat and right\$1 near10 (user\$1 or member\$1 or client\$1 or computer\$1)	USPAT	OR	OFF	2003/12/16 10:46
S88	0	characteristic\$1 near10 chat and right\$1 near3 access	USPAT	OR	OFF	2003/12/16 10:47
S89	0	characteristic\$1 near10 chat and access near6 right\$1	USPAT	OR	OFF	2003/12/16 10:47
S90	0	characteristic\$1 near10 chat and access near6 authorit\$3	USPAT	OR	OFF	2003/12/16 10:47
S91	11	characteristic\$1 near10 chat and access	USPAT	OR	OFF	2003/12/16 10:55
S92	2	topic\$1 near10 chat near10 right\$1	USPAT	OR	OFF	2003/12/16 10:53
S93	13	chat same right\$1 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 11:03
S94	5096354	(topic\$1 or characteristic\$1 or name\$1) chat same right\$1 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 10:56
S95	1	(topic\$1 or characteristic\$1 or name\$1) same chat same right\$1 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 10:58
S96	5	chat near10 right\$1 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 11:00
S97	3	chat near10 right\$1 near5 (user\$1 or member\$1 or client\$1)and (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:39

S98	0	chat same right\$1 near5 (user\$1 or member\$1 or client\$1)near10 (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 11:03
S99	0	chat same right\$1 near5 (user\$1 or member\$1 or client\$1)same(characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 11:03
S100	1	chat same right\$1 near5 (user\$1 or member\$1 or client\$1)and(characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 11:10
S101	0	chat same right\$1 near5 host and(characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 11:10
S102	0	chat same right\$1 near5 host\$1	USPAT	OR	OFF	2003/12/16 11:10
S103	1	chat same right\$1 near10 host\$1	USPAT	OR	OFF	2003/12/16 11:10
S104	25	chat near10 access\$2 near5 (user\$1 or member\$1 or client\$1)and (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:39
S105	5	chat near10 access\$2 near5 (user\$1 or member\$1 or client\$1)near10 (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:43
S106	0	chat near10 authorit\$3 near5 (user\$1 or member\$1 or client\$1)near10 (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:43
S107	0	chat near10 authorit\$3 near5 (user\$1 or member\$1 or client\$1)same (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:43
S108	0	chat near10 authorit\$3 near5 (user\$1 or member\$1 or client\$1)and (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:43
S109	0	chat near10 authorit\$3 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 12:43
S110	1480	authorit\$3 near5 (user\$1 or member\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 12:43
S111	0	authorit\$3 near5 (user\$1 or member\$1 or client\$1)same (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/16 12:44
S112	1	authorit\$3 near5 (user\$1 or member\$1 or client\$1)same chat	USPAT	OR	OFF	2003/12/16 12:45

S11 3	0	(administrator\$1 or host\$1)near10 chat near10 (characteristic\$1 or topic\$1)near10 chat	USPAT	OR	OFF	2003/12/16 12:46
S11 4	0	(administrator\$1 or host\$1)near10 chat near10 (characteristic\$1 or topic\$1)	USPAT	OR	OFF	2003/12/16 12:46
S11 5	79	(characteristic\$1 or topic\$1)near10 chat	USPAT	OR	OFF	2003/12/16 12:47
S11 6	1	(characteristic\$1 or topic\$1)near10 chat near10 keyword\$1	USPAT	OR	OFF	2003/12/16 12:47
S11 7	5	(characteristic\$1 or topic\$1)near10 chat near10 chang\$3	USPAT	OR	OFF	2003/12/16 12:48
S11 8	0	(characteristic\$1 or topic\$1)near10 chat near10 chang\$3 and right\$1 near10 (user\$1 or member\$1 or host\$1 or administrator\$1 or client\$1)	USPAT	OR	OFF	2003/12/16 12:49
S11 9	2	(characteristic\$1 or topic\$1)near10 chat near10 chang\$3 and right\$1	USPAT	OR	OFF	2003/12/16 12:50
S12 0	20	chat and (sent or send\$3 or broadcast\$3) near10 message\$1 near10 (topic\$1 or characteristic\$1)	USPAT	OR	OFF	2003/12/16 13:03
S12 1	1	chat near10 sensitive near10 (content or keyword\$1)	USPAT	OR	OFF	2003/12/16 13:07
S12 2	14	chat near10 sensitive	USPAT	OR	OFF	2003/12/16 13:10
S12 3	8	(monitor\$3 or controll\$3) near10 chat near10 (content or characteristic\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/16 13:19
S12 4	6	(monitor\$3 or controll\$3) near10 chat near10 conversation\$1	USPAT	OR	OFF	2003/12/16 13:20
S12 5	2	(monitor\$3 or controll\$3) near10 chat near10 conversation\$1 not ((monitor\$3 or controll\$3) near10 chat near10 (content or characteristic\$1 or keyword\$1))	USPAT	OR	OFF	2003/12/16 15:47
S12 6	1	"6076100".pn.	USPAT	OR	OFF	2003/12/16 15:47
S12 7	12	"6076100".URPN.	USPAT	OR	OFF	2003/12/16 16:29
S12 8	5	("5779549" "5835722" "5862223" "5884033" "5907602").PN.	USPAT	OR	OFF	2003/12/16 15:57

S12 9	4	("5779549" "5835722" "5862223" "5884033" "5907602").PN.)and chat	USPAT	OR	OFF	2003/12/16 15:58
S13 0	0	("5779549" "5835722" "5862223" "5884033" "5907602").PN.)and chat near4 (conversation or content\$1 or keyword\$1 or message\$1)	USPAT	OR	OFF	2003/12/16 15:59
S13 1	3	"6076100".URPN. and monitor\$3 near10 chat near10 (conversation or content\$1 or message\$1 or topic\$1 or keyword\$1)	USPAT	OR	OFF	2003/12/16 16:19
S13 2	6	(block\$3 or prohibit\$3) near10(message\$1 or content\$1) near10 chat	USPAT	OR	OFF	2003/12/16 16:29
S13 3	4	"6256663".URPN.	USPAT	OR	OFF	2003/12/16 16:28
S13 4	1	"6076100.URPN.AND" (block\$3 or prohibit\$3) near10(message\$1 or content\$1) near10 chat	USPAT	OR	OFF	2003/12/16 16:31
S13 5	1	"6076100.URPN.AND" (block\$3 or prohibit\$3 or warn\$3 or ban) near10(message\$1 or content\$1) near10 chat	USPAT	OR	OFF	2003/12/16 16:32
S13 6	6	(block\$3 or prohibit\$3 or warn\$3 or ban) near10(message\$1 or content\$1) near10 chat	USPAT	OR	OFF	2003/12/16 16:50
S13 7	61	monitor\$3 near10 chat	USPAT	OR	OFF	2003/12/16 17:19
S13 8	37	controll\$3 near10 chat	USPAT	OR	OFF	2003/12/16 17:25
S13 9	2	controll\$3 near10 content near10 chat	USPAT	OR	OFF	2003/12/16 17:31
S14 0	0	controll\$3 near10 content near10 channel same chat	USPAT	OR	OFF	2003/12/16 17:31
S14 1	146	controll\$3 near10 content near10 channel	USPAT	OR	OFF	2003/12/16 17:32
S14 2	0	detect\$3 near10 content near10 chat	USPAT	OR	OFF	2003/12/16 17:33
S14 3	36	detect\$3 near10 chat	USPAT	OR	OFF	2003/12/16 17:41
S14 4	1	"6076100".pn.	USPAT	OR	OFF	2003/12/16 17:43
S14 5	12	"6076100".URPN.	USPAT	OR	OFF	2003/12/16 17:41
S14 6	0	blacklist same chat	USPAT	OR	OFF	2003/12/16 17:44

S14 7	114	(prevent\$3 or "not" near send) same chat	USPAT	OR	OFF	2003/12/16 17:45
S14 8	0	"6651086".URPN.	USPAT	OR	OFF	2003/12/16 17:47
S14 9	27	("5586257" "5627764" "5715392" "5729687" "5796393" "5822523" "5894556" "5905493" "5907677" "5930698" "5946699" "5956485" "5956491" "5987503" "6018766" "6072942" "6128660" "6131087" "6134590" "6178453" "6212548" "6266683" "6282278" "6295549" "6345290" "6393461" "6421678").PN.	USPAT	OR	OFF	2003/12/16 17:51
S15 0	1	manag\$4 near10 chat near10 content	USPAT	OR	OFF	2003/12/16 17:52
S15 1	46	manag\$4 near10 chat	USPAT	OR	OFF	2003/12/16 17:52
S15 2	2	detect\$3 near10 chat near10 message\$1 near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:24
S15 3	0	detect\$3 same "not" near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:25
S15 4	2927	decid\$3 near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:25
S15 5	2927	decid\$3 near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:25
S15 6	0	(detect\$3 near10 chat near10 message\$1 near10 (send\$3 or sent)) and decid\$3 near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:25
S15 7	0	(detect\$3 near10 chat near10 message\$1 near10 (send\$3 or sent)) and decid\$3 same (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:26
S15 8	0	decid\$3 near10 whether near10 (send\$3 or sent) near10 "not" near10 chat	USPAT	OR	OFF	2003/12/17 09:27
S15 9	0	decid\$3 near10 whether near10 (send\$3 or sent) near10 "not"	USPAT	OR	OFF	2003/12/17 09:27
S16 0	678	decid\$3 near10 whether near10 (send\$3 or sent)	USPAT	OR	OFF	2003/12/17 09:27
S16 1	3	decid\$3 near10 whether near10 (send\$3 or sent) same chat	USPAT	OR	OFF	2003/12/17 09:31

S16 2	0	decid\$3 near10 (send\$3 or sent) near10 utterance\$1 same chat	USPAT	OR	OFF	2003/12/17 09:32
S16 3	0	decid\$3 near10 (send\$3 or sent) near10 (content\$1 or keyword\$1) same chat	USPAT	OR	OFF	2003/12/17 09:32
S16 4	1	(detect\$3 or search\$3 or control\$4 or monitor\$3)near10(content\$1 or keyword\$1)near10 (sent or send\$3) same chat	USPAT	OR	OFF	2003/12/17 09:33
S16 5	21	(detect\$3 or search\$3 or control\$4 or monitor\$3)near10(content\$1 or keyword\$1)near10 (sent or send\$3) and chat	USPAT	OR	OFF	2003/12/17 09:36
S16 6	2	control\$4 near10 display\$3 near10 (keyword\$1 or content\$1 or topic\$1 or utterance\$2) same chat	USPAT	OR	OFF	2003/12/17 09:45
S16 7	0	(prevent\$3 or stop\$4) near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) same chat	USPAT	OR	OFF	2003/12/17 09:46
S16 8	0	manag\$6 near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) same chat	USPAT	OR	OFF	2003/12/17 09:46
S16 9	0	manag\$6 near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) and chat	USPAT	OR	OFF	2003/12/17 09:47
S17 0	4	control\$4 near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) and chat	USPAT	OR	OFF	2003/12/17 09:47
S17 1	0	parential and control\$4 near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) and chat	USPAT	OR	OFF	2003/12/17 09:47
S17 2	3	parent\$4 and control\$4 near10 display\$3 near10 message\$1 near10(keyword\$1 or content\$1 or topic\$1 or utterance\$2) and chat	USPAT	OR	OFF	2003/12/17 09:48
S17 3	0	parent\$4 and control\$4 near10 display\$3 near10 message\$1 near10 chat	USPAT	OR	OFF	2003/12/17 09:48
S17 4	4	control\$4 near10 display\$3 near10 message\$1 near10 chat	USPAT	OR	OFF	2003/12/17 10:23
S17 5	65	unsuitable near10 message\$1	USPAT	OR	OFF	2003/12/17 10:23
S17 6	2	unsuitable near10 message\$1 and chat	USPAT	OR	OFF	2003/12/17 10:27

S17 7	2	unsuitable near10 (content\$1 or keyword\$1 or topic\$1)and chat	USPAT	OR	OFF	2003/12/17 10:31
S17 8	4	filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat	USPAT	OR	OFF	2003/12/17 10:36
S17 9	9	("5706507" "5727129" "5765028" "5845271" "5852816" "5855015" "5867799" "5918014" "5996011").PN.	USPAT	OR	OFF	2003/12/17 10:37
S18 0	0	"6633855".URPN.	USPAT	OR	OFF	2003/12/17 10:32
S18 1	4	filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat and chat	USPAT	OR	OFF	2003/12/17 11:14
S18 2	0	(("5706507" "5727129" "5765028" "5845271" "5852816" "5855015" "5867799" "5918014" "5996011").PN.)and chat	USPAT	OR	OFF	2003/12/17 10:38
S18 3	0	(("5706507" "5727129" "5765028" "5845271" "5852816" "5855015" "5867799" "5918014" "5996011").PN.)and chat	USPAT	OR	OFF	2003/12/17 10:38
S18 4	18	filter\$3 near15 chat	USPAT	OR	OFF	2003/12/17 10:38
S18 5	14	filter\$3 near15 chat not (filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat and chat)	USPAT	OR	OFF	2003/12/17 10:51
S18 6	0	(filter\$3 near15 chat).ab. not (filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat and chat)	USPAT	OR	OFF	2003/12/17 10:39
S18 7	69	filter\$3 same chat not (filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat and chat)	USPAT	OR	OFF	2003/12/17 10:57
S18 8	11	filter\$3 same message\$1 same chat not (filter\$3 near10 (content\$1 or keyword\$1 or topic\$1)near10 chat and chat)	USPAT	OR	OFF	2003/12/17 10:56
S18 9	8	(characteristic\$1 or topic\$1)near15 chat near15 (access\$2 or rights or authorit\$3)	USPAT	OR	OFF	2003/12/17 12:17
S19 0	3	monitor\$3 near15 (access\$2 or rights or authorit\$3)near10 user\$1 near10 (characteristic\$1 or topic\$1) near10 chat	USPAT	OR	OFF	2003/12/17 11:43
S19 1	1	"5941947".pn. and chat	USPAT	OR	OFF	2003/12/17 12:24

S19 2	1	"6393460".pn. and (access\$2 or right\$1)	USPAT	OR	OFF	2003/12/17 12:25
S19 3	391	display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1)	USPAT	OR	OFF	2004/05/04 16:07
S19 4	11	display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab.	USPAT	OR	OFF	2004/05/04 16:21
S19 5	0	display\$3 with relevan\$5 with (point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab.	USPAT	OR	OFF	2004/05/04 16:15
S19 6	2	display\$3 with relevan\$5 with (point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1)	USPAT	OR	OFF	2004/05/04 16:15
S19 7	47	display\$3 with list with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1)	USPAT	OR	OFF	2004/05/04 16:16
S19 8	46	display\$3 with list with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1)not (display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab.)	USPAT	OR	OFF	2004/05/04 16:17
S19 9	0	display\$3 with list with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1) near15 tabulat\$3 not (display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab.)	USPAT	OR	OFF	2004/05/04 16:17
S20 0	1	display\$3 with list with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1) and tabulat\$3 not (display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab.)	USPAT	OR	OFF	2004/05/04 16:17
S20 1	2	display\$3 with (relevan\$5 or point\$1 or percent\$3) with (topic\$1 or categor\$3 or keyword\$1).ab. and tabulat\$3	USPAT	OR	OFF	2004/05/04 16:22
S20 8	61	(volume or amount) near15 chat	USPAT	OR	OFF	2004/11/29 10:48

S20 9	1	(volume or amount) near15 chat. ab.	USPAT	OR	OFF	2004/11/29 10:45
S21 0	9	(volume or amount) near10 (user\$1 or participate\$1)near15 chat	USPAT	OR	OFF	2004/11/29 10:53
S21 1	64	number near10 (user\$1 or participate\$1)near15 chat	USPAT	OR	OFF	2004/11/29 11:29
S21 2	8	number near10 (user\$1 or participate\$1)near15 chat.ab.	USPAT	OR	OFF	2004/11/29 10:53
S21 3	51	number near10 (user\$1 or participate\$1)near15 chat not S208	USPAT	OR	OFF	2004/11/29 12:20
S21 4	3	"6564244"	USPAT	OR	OFF	2004/11/29 11:37
S21 5	0	"6564244".pn. and volume	USPAT	OR	OFF	2004/11/29 11:39
S21 6	1	"6564244".pn.	USPAT	OR	OFF	2004/11/29 11:39
S21 7	5	number near10 (user\$1 or participate\$1)near15 chat and chat near15 characteristic\$1 not S208	USPAT	OR	OFF	2004/11/29 12:22
S21 8	6	number near10 (user\$1 or participate\$1)same chat and chat near15 characteristic\$1 not S208	USPAT	OR	OFF	2004/11/29 12:22
S21 9	2	number near10 (user\$1 or participate\$1)near15 chat same characteristic\$1 not S208	USPAT	OR	OFF	2004/11/29 12:24
S22 0	2	number near10 (user\$1 or participate\$1)same characteristic\$1 near15 chat not S208	USPAT	OR	OFF	2004/11/29 12:24
S22 1	2	number near10 (user\$1 or participate\$1)same characteristic\$1 near15 chat	USPAT	OR	OFF	2004/11/29 12:29
S22 2	9	number near10 (user\$1 or participate\$1)same characteristic\$1 near15 chat	US-PGPUB; USPAT	OR	OFF	2004/11/29 12:26
S22 3	71	characteristic\$1 near15 chat	US-PGPUB; USPAT	OR	OFF	2004/11/29 12:28
S22 4	2	characteristic\$1 near15 chat.ab.	US-PGPUB; USPAT	OR	OFF	2004/11/29 12:26
S22 5	2	("6393460" "5982369").pn.	US-PGPUB; USPAT	OR	OFF	2004/11/29 12:28
S22 6	9	number near10 (user\$1 or participate\$1)same topic\$1 near15 chat	USPAT	OR	OFF	2004/11/29 12:45

S22 7	349	number near10 (user\$1 or participate\$1) same topic\$1	USPAT	OR	OFF	2004/11/29 12:45
S22 8	18	(determin\$4 or calculat\$3) near15 topic same number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 12:54
S22 9	1	(determin\$4 or calculat\$3) near15 topic same number near10 (user\$1 or participate\$1) and chat	USPAT	OR	OFF	2004/11/29 12:46
S23 0	209	(determin\$4 or calculat\$3) near15 topic and number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 12:54
S23 1	5	(determin\$4 or calculat\$3) near15 topic near15 chat and number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 13:39
S23 2	42	topic near15 chat and number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 13:49
S23 3	5	chang\$3 near15 topic near15 chat and number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 13:59
S23 4	9	topic near15 chat same number near10 (user\$1 or participate\$1)	USPAT	OR	OFF	2004/11/29 14:32
S23 5	6	monitor\$3 near15 respons\$3 near15 chat	USPAT	OR	OFF	2004/11/29 14:38
S23 6	0	monitor\$3 near15 respons\$3 near15 chat same topic\$1	USPAT	OR	OFF	2004/11/29 14:34
S23 7	4	monitor\$3 near15 respons\$3 near15 chat and topic\$1	USPAT	OR	OFF	2004/11/29 14:34
S23 8	6	respons\$3 near15 topic near15 chat	USPAT	OR	OFF	2004/11/29 14:44
S23 9	1	"6393460".pn.	USPAT	OR	OFF	2004/11/29 14:56
S24 0	1	"6564244".pn.	USPAT	OR	OFF	2004/11/29 15:40
S24 1	6	(record\$3 or track\$3 or monitor\$3) near15 keyword\$1 near15 chat	USPAT	OR	OFF	2004/11/29 15:41
S24 2	0	(record\$3 or track\$3 or monitor\$3) near15 keyword\$1 near15 chat same (characteristic\$1 or topic\$1)	USPAT	OR	OFF	2004/11/29 15:41
S24 3	1	(record\$3 or track\$3 or monitor\$3) near15 keyword\$1 near15 chat same (characteristic\$1 or topic\$1)	US-PGPUB; USPAT	OR	OFF	2004/11/29 15:42
S24 4	9	(record\$3 or track\$3 or monitor\$3) near15 keyword\$1 near15 chat and (characteristic\$1 or topic\$1)	US-PGPUB; USPAT	OR	OFF	2004/11/29 15:50

S24 5	329	(characteristic\$1 or topic\$1) near15 chat	US-PGPUB; USPAT	OR	OFF	2004/11/29 15:56
S24 6	14	(characteristic\$1 or topic\$1) near15 chat.ab.	US-PGPUB; USPAT	OR	OFF	2004/11/29 15:52
S24 7	21	(characteristic\$1 or topic\$1) near15 chat same (keyword\$1 or word\$1)	US-PGPUB; USPAT	OR	OFF	2004/11/29 15:56
S24 8	1	"6425012".PN.	USPAT	OR	OFF	2005/07/13 14:24
S24 9	10	(709/204 and "706"/\$3).ccls.	USPAT	OR	OFF	2005/07/13 14:25
S25 0	8	(709/204 and "706"/\$3).ccls. and (point\$1 or value\$1)	USPAT	OR	OFF	2005/07/13 14:26
S25 1	4	("6795822" "6393461" "6345290" "6751565").pn.	USPAT	OR	OFF	2005/07/14 15:29
S25 2	2201	nabil	USPAT	OR	OFF	2005/07/16 16:45
S25 3	0	nabil\$el	USPAT	OR	OFF	2005/07/16 16:45
S25 4	272	nabil near hady	USPAT	OR	OFF	2005/07/16 16:46
S25 5	134	(nabil near hady).xp.	USPAT	OR	OFF	2005/07/16 16:50
S25 6	10	(nabil near hady).xp. and chat\$4	USPAT	OR	OFF	2005/07/16 16:46
S25 7	1	(nabil near hady).xa. and chat\$4	USPAT	OR	OFF	2005/07/16 16:46
S25 8	1	(nabil near hady).xp. and chat\$4 near3 topic\$1	USPAT	OR	OFF	2005/07/16 16:50